

From owner-qrp-l@netcom.com Thu Dec 29 01:06:44 1994
Date: Wed, 28 Dec 1994 21:34:59 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: '94 ARRL Handbook
Message-Id: <Pine.SUN.3.91.941228213344.929A-100000@ume>

this disturbs me as well, I buy a new one every 4 years and was going to buy the 95 version.....do I just hold on to my 86 and 91 versions?

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

On Tue, 27 Dec 1994 KELL@mpac.jsc.nasa.gov wrote:

> I have a copy of the m'95 HB. From what I hear, there is quite a bit of
> difference between the 94 and the 95 HB, with stuff left out in 95. Based
> on this, I have two questions. 1) is the above true, about a bunch of
> stuff left out, and 2) where can I get a '94 HB?
>
> 72 and 73
>
> Ted Kell@mpac.jsc.nasa.gov
> KC5CUW
>

From owner-qrp-l@netcom.com Thu Dec 29 19:09:41 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Subject: <didn't bother with a subject>
Message-Id: <9412292235.AA22482@Cybernetics.NET>
Date: Thu, 29 Dec 1994 17:35:30 -0500 (EST)

who qrp-l

From owner-qrp-l@netcom.com Thu Dec 29 13:46:26 1994
Date: Thu, 29 Dec 94 11:50:19 CST
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9412291750.AA02012@collie.aud.alcatel.com>
Subject: Birthday

Well, all I can say is I missed HamCom here in the Dallas area because they held it on the first weekend in June which is my mom's birthday. Now you may be able to get away with having Katies birthday in Ohio, but not Mom's... Sure was glad when they moved Hamcom to the second weekend last year B-)!!!
Mike KE4PC

From owner-qrp-1@netcom.com Thu Dec 29 02:42:03 1994
Date: Thu, 29 Dec 94 00:55:44 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412290655.AA25257@chuck.dallas.sgi.com>
Subject: Corrected PWR Calcs

Here is the corrected version. Sorry about that.

Gang,

Several have asked me how to get the accurate power level measurements that are sometimes required to check SWR/Power Meters, etc.

I'll use the 1995 ARRL handbook, but other years will suffice also.

A "pure sine wave" at a constant voltage amplitude, A, will have the form

$$E(t) = A * \sin(f(0)), \text{ where } f(0), \text{ f-sub-zero or}$$

f-sub-naught as pronounced in English, is the fundamental frequency and E is the instantaneous voltage measured at time t.

The "Peak" voltage is A, i.e. $E(pk) = A$.

The "Peak-to-Peak" voltage is $2 * A$,

$$E(p-p) = 2 * A.$$

The "RMS" voltage is $A / \sqrt{2}$ or $A * 0.707$,

$$E(RMS) = 0.707 * A.$$

Now the power P is calculated as $I * E$ or $(E/R) * E = E^2 / R$.

$$P(RMS) = E(RMS) * E(RMS) / R \quad \text{or}$$

$$P(RMS) = E(RMS) * E(RMS) / Z \quad \text{for AC}$$

$$P(RMS) = 0.500 * A * A / Z = (4.0 * A^2) / (8 * Z)$$

$$P(RMS) = E(p-p) * E(p-p) / (8 * Z)$$

Assuming a SWR of 1:1, i.e. a purely resistive load at the antenna and a 52 ohm resistive impedance, we can plug in some voltage values and see what we come up with. Remember that it is easier to read with more accuracy the Peak-to-Peak values on a CALIBRATED scope, thus this must be done with some laboratory standard reference along the line somewhere to insure accuracy and precision.

E(p-p) volts	Power (Watts)
-----	-----
45.607	5.00
40.792	4.00
28.844	2.00
20.396	1.00
14.422	0.50
10.198	0.25
6.450	0.10
4.561	0.050 (50 mW)
0.645	0.001 (1 mW)
0.0204	0.000001 (1 uW) where u is Greek mu

At the lower levels one usually uses an attenuator to generate calibrated output levels. This is usually the technique used by AA2U, WA8MCQ, and others at the mW and uW levels.

NOW, the most important thing here gang is not the transmitter, but the antenna systems at the source and destination and you have just gotta have the most selective and sensitive receiver you can afford at the receiving end. Directivity is everything here. Just sit down and do the calculation for the voltage at the receiving point for an Isotropic source (a very difficult thing to do) and moving the receiver away from the source for a known power level, say 1 mW. You can see why we went through the discussion on ERP and the protests against advanced and expensive antenna systems. :-) :-) The laws of Physics are very powerful and can't be repealed by any court that I know of.

Food for thought from K5F0. And I hope that did the math correctly. :-)
I know that I'll hear about any errors, so I'm exposed here. :-)

*****See I told you so!!*****

dit dit

Chuck Adams K5F0 CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Dec 29 10:07:39 1994
Date: Thu, 29 Dec 1994 08:38:12 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: damn, Damn, DAMN !!!
Message-Id: <Pine.3.89.9412290851.B5416-0100000@saturn.acs.oakland.edu>

Geez... I gotta get this off my chest so bear with me...

Those MORONS at the Dayton Hamvention have decided to MOVE the date of the Hamvention to the THIRD week of MAY effective 1996. This is not a rumor, it's right in this year's mailer.

Had those boneheads in Dayton taken a minute to call ME, I would have been able to tell them my carefully constructed life included having a baby born on MAY 17th, 1989... precisely to AVOID conflicts with the hamvention.

Well looks like we'll be celebrating Katie's birthday in Ohio from now on.

73 =paul= wb8zjl

From owner-qrp-1@netcom.com Thu Dec 29 11:11:11 1994
Date: Thu, 29 Dec 1994 07:26:46 -0800
From: dgf@netcom.com (David Feldman)
Message-Id: <199412291526.HAA22469@netcom14.netcom.com>
Subject: Re: damn, Damn, DAMN !!!

>Had those boneheads in Dayton taken a minute to call ME, I would have
>been able to tell them my carefully constructed life included having a
>baby born on MAY 17th, 1989... precisely to AVOID conflicts with the
>hamvention.

Oh come on. You're only talking about a MEASLY BIRTHDAY!!!

I got married in 1986 on about November 17. This of course conflicted with Phone Sweepstakes. I solved the problem very easily, without impact to ARRL at all: I got divorced.

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-1@netcom.com Thu Dec 29 12:25:25 1994
From: KELL@mpac.jsc.nasa.gov
Date: Thu, 29 Dec 1994 11:05:41 -0600 (CST)
Message-Id: <941229110541.ade@mpac.jsc.nasa.gov>
Subject: Re: damn, Damn, DAMN !!!

>From: SMTP%"owner-qrp-l@netcom.com" 29-DEC-1994 10:59:10.90
To: KELL
CC:
Subj: Re: damn, Damn, DAMN !!!

Date: Thu, 29 Dec 1994 07:26:46 -0800
>From: dgf@netcom.com (David Feldman)
Message-Id: <199412291526.HAA22469@netcom14.netcom.com>
To: qrp-l@netcom.com
Subject: Re: damn, Damn, DAMN !!!
Sender: owner-qrp-l@netcom.com
Precedence: list

>Had those boneheads in Dayton taken a minute to call ME, I would have
>been able to tell them my carefully constructed life included having a
>baby born on MAY 17th, 1989... precisely to AVOID conflicts with the
>hamvention.

Oh come on. You're only talking about a MEASLY BIRTHDAY!!!

I got married in 1986 on about November 17. This of course conflicted with
Phone Sweepstakes. I solved the problem very easily, without impact to
ARRL at all: I got divorced.

73 Dave WB0GAZ dgf@netcom.com

Both of you boneheads have taken the WRONG approach. If you simply get (or
got for Dave) the offended (??) party interested in ham radio, they will
(or would) be dragging YOU along instead of the other way around. :) (maybe)

Ted Kell@mpac.jsc.nasa.gov
KC5CUW

From owner-qrp-l@netcom.com Thu Dec 29 12:26:30 1994
Date: Thu, 29 Dec 1994 10:57:20 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Re: damn, Damn, DAMN !!!
Message-Id: <Pine.3.89.9412291019.B6611-0100000@saturn.acs.oakland.edu>

On Thu, 29 Dec 1994, David Feldman wrote:

> I got married in 1986 on about November 17. This of course conflicted with
> Phone Sweepstakes. I solved the problem very easily, without impact to
> ARRL at all: I got divorced.

That was entirely due to poor planning on your part :-) any fool knows

not to schedule significant events around Dayton, Field Day, SS, and WWDX.

73 es hpy nw yr =paul= wb8zjl

From owner-qrp-l@netcom.com Thu Dec 29 20:42:21 1994
From: JEVERHART@cayman.vf.ge.com
Date: Thu, 29 Dec 1994 19:01:23 -0500 (EST)
Message-Id: <941229190123.2161b844@cayman.vf.ge.com>
Subject: Dayton 1994

After lots of years of saying "maybe next year", This year I'm going to the Dayton bash. But, I need some info. I understand there are QRP informal get-togethers off-site. Where and when?

Also, I hear that Friday is a good day for the flea market. Why is that? Is that when the early birds get the best junk? Is it best because the out-of-towners (like me) don't make it 'til the weekend?

Private e-mail to me is probably best, though there are likely others who would like more info but are more embarrassed to admit their ignorance than I am! If there are significant non-list replies, I'll post a summary in a few days.

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Thu Dec 29 16:50:23 1994
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Date: Thu, 29 Dec 1994 13:37:11 CST
Subject: definition of qrp
Message-Id: <A574C603AC@iunhaw1.iun.indiana.edu>

About a year and a half ago I was in a radio amateur store in Milwaukee which shall remain nameless. I inquired about the MFJ qrp rig and got nothing but scorn for even thinking of such an item. I was asked why I would even consider such a rig. I replied I wanted to try some qrp work as it sounded very interesting. The person waiting on me told me that "qrp was NOT having the linear on!!!"

I mention this just to add to the various comments about "what is qrp!!"

Now all know why I go to Comdac in St. Joseph, Michigan, for my radio gear. Barb and Duane are a great help.

P.S.--they advertise in QST.

73 de Tim WB9NLZ

From owner-qrp-l@netcom.com Thu Dec 29 22:38:44 1994
Message-Id: <199412300210.VAA13123@thor.INS.CWRU.Edu>
From: Stephen Trier <sct@po.cwru.edu>
Date: 30 Dec 1994 02:10:00 GMT
Subject: Everyone makes mistakes...

Sorry, gang... I think I just mailed my resubscription request to the wrong address. :-(I've been using Internet e-mail for 6 years and I still made the net's most popular mistake. My apologies.

My shack (motto: "Doesn't anything in your shack work?" :-)) still doesn't have a useful transmitter, but I plan to be on the air from W8EDU for Straight Key Night on the 31st and 1st. I'll probably be in the 40m novice chunk, assuming the carriers don't get too awful. I hope I will run into some of you!

Stephen

--

Stephen Trier "If it sounds good, it is good."
sct@po.cwru.edu - Duke Ellington
KG8IH

From owner-qrp-l@netcom.com Thu Dec 29 12:02:16 1994
Date: Thu, 29 Dec 1994 11:18:05 -0500 (EST)
From: Wynn C C <wyn@stc06.CTD.ORNL.GOV>
Subject: FOX HUNT SSB STYLE
Message-Id: <Pine.OSF.3.91.941229111227.8032A-1000000@stc06.CTD.ORNL.GOV>

>	8:45--9:00 pm	7.160-7.165	requires GENERAL license
		^^^^^^^^^^	^^^^^^
>	9:00--9:15 pm	7.210-7.220	requires ADVANCED or EXTRA
		^^^^^^^^^^	^^^^^^^^^^^^^^^^^^^^

I keep seeing this over and over again, so it must be true??
Has this OF slept through another round of reg. changes.?

72/73 es Happy New Year

Clay N4AOX
wyn@ornl.gov

From owner-qrp-1@netcom.com Fri Dec 30 00:13:50 1994
Date: Thu, 29 Dec 1994 19:17:41 -0800 (PST)
From: Monte Stark <mswmod@sage.unr.edu>
Subject: Idaho to Nevada Mobile
Message-Id: <Pine.SUN.3.90.941229191054.11939B-1000000@nimbus>

Hi again,

I worked many stations on the trip to and from Idaho. One high spot was working W6BNC who I used to work on 10m AM when I was in high school!

Worked 2 QRPers on the way home.

WB7OLL, Les, very weak. Running 2 watts if I remember right. and
KC6EIJ, JC, running 2 watts with a NorCal40. We had a very nice chat for about 25 mins.

I was using the ts130 and hustler antenna mounted on the tool box on the pick up.

Have fun all. I've been at it since 0200 and its now 2030. Getting rummy!

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
..mswmod@sage.unr.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-1@netcom.com Thu Dec 29 11:37:13 1994
Date: Thu, 29 Dec 94 08:43:46 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412291443.AA25825@chuck.dallas.sgi.com>
Subject: Katie's Birthday

Paul,

Look at it this way. During the prize ceremonies we can all stand up and sing Happy Birthday to Katie!!

Which QRP rig does she want this year for her birthday?

dit dit

: -)

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Dec 29 12:03:19 1994
Date: Thu, 29 Dec 1994 10:54:42 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Re: Katie's Birthday
Message-Id: <Pine.3.89.9412291017.A6611-0100000@saturn.acs.oakland.edu>

On Thu, 29 Dec 1994, chuck adams wrote:

>

> Paul,

>

> Look at it this way. During the prize ceremonies we can all stand
> up and sing Happy Birthday to Katie!!

>

> Which QRP rig does she want this year for her birthday?

>

Well, as long as you asked... and if the net wants to all chip in... :-)
I think an Onmi VI cranked down to a couple watts would suit her needs
just fine thanks.

73 es Happy New Year =paul=

wb8zjl

P.S> Sarturday is the BIG Mi-QRP Blow out New Years Eve Breakfast at
Country Jim's resturant in Davison, Michigan. I-69 and M-15 exit.

Be there or be somewhere else

From owner-qrp-1@netcom.com Thu Dec 29 16:11:17 1994
Date: Thu, 29 Dec 94 11:04:40 PST
Message-Id: <9412291904.AB21017@altair.csustan.edu>
From: dh@altair.csustan.edu (Doug Hendricks)
Subject: Keyer Board Size

I have had several inquiries about the keyer board that I posted from Jim Cates. The board is 1.75" x 2.0" and has 2 mounting holes. If you missed the first posting, Jim has keyer kits for sale:

- 1 Curtis 8044ABM Keyer Chip
- 1 Far Circuits PC Board
- 1 Schematic
- \$17 US, \$20 DX US FUNDS ONLY!!!!
- Make Checks out to Jim Cates, NOT NORCAL!!!

The price is postpaid. Jim bought 100 of the keyer chips and saved enough to offer the kit at this price. Mouser sells the 8044ABM in units of 1 for \$19.95 plus shipping & handling. This offer is made due to interest expressed on the net for a small, cheap keyer kit.

Send orders to:
Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

72, Doug, KI6DS

From owner-qrp-1@netcom.com Thu Dec 29 03:21:52 1994
Date: Wed, 28 Dec 94 22:30:01 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9412290630.AA24443@deneb.csustan.edu>
Subject: Keyer Kits CHEAP

Jim Cates, WA6GER has put together some mini-kits for the Curtis Keyer chip. He is offering a Curtis Keyer Chip, 8044ABM, Far Circuits Board, & Schematic for \$17 postpaid. He has 100 of these available. To order, send \$17 to:

Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 93620
USA

Make checks and money orders out to Jim Cates, and not to NorCal!! DX orders please send \$20 US funds only.

This is the same chip that Mouser sells for \$19.95 in quantities of 1. Jim bought in quantity, so that is why he is able to sell the kits so cheap. There has been a lot of interest in keyers on the net, so I thought I would post this in case any of you are interested. If you have questions, Jim's phone number is 916-487-3580.

72, Doug, KI6DS

From owner-qrp-1@netcom.com Thu Dec 29 14:24:18 1994
Date: Thu, 29 Dec 1994 13:10:10 -0500 (EST)
From: Wynn C C <wyn@stc06.CTD.ORNL.GOV>
Subject: KM/W determination
Message-Id: <Pine.OSF.3.91.941229130728.14708A-1000000@stc06.CTD.ORNL.GOV>

Chuck Adams writes:

>Assuming a SWR of 1:1, i.e. a purely resistive load at the antenna

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

>and a 52 ohm resistive impedance, we can plug in some voltage

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

[pages of good stuff deleted]

Even though Chuck said it, I think it is worth pointing out again: If the transmitter-to-ether circuit is not purely resistive or exactly 52 ohms resistive component, your computed real power and/or table values may have error.

Most output circuits have some reactive component (voltage not in phase with current), but this is not so bad because the O-scope voltage reading-to-power error will result in a conservative KM/W calculation, ie. one's KM/W calculation will be lower than it actually is.

Most output waveforms have some residual harmonic content. Again, these errors usually result in offsets in the conservative direction.

Be careful though, with the 52 ohm impedance assumption. Since real antenna radiation resistance can vary from a few to a few thousand ohms, this assumption can cause residual error in either direction. One should use a bridge or similar device to determine his actual circuit resistance if using this technique.

>I run to the QRZ CDRom data base, which I have online on a SGI

^^^

>workstation on the desk right next to the Explorer....

[pages of good stuff deleted]

>Food for thought from K5F0. And I hope that did the math correctly. :-)

>I know that I'll hear about any errors, so I'm exposed here. :-)

The heck with Chuck's errors! What I am worried about is the accuracy of that SGI calculator he is using. Does it have any of those pentium processors in it? Hmmmmmm. ;-)

72/73 es Happy New Year,
Clay N4AOX
wyn@ornl.gov

From owner-qrp-1@netcom.com Thu Dec 29 16:36:10 1994
Date: Thu, 29 Dec 94 14:33:44 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412292033.AA27449@chuck.dallas.sgi.com>
Subject: Re: KM/W determination

Clay, N4AOX, asks about the SGI workstation. :-)
No, it does not have any Intel stuff in it. :-) I did
the math in my head (first mistake) and I didn't write it
down and test it with some numbers before I posted.

Good point(s) about the reactive components for real world
antennas and pure sine waveforms. If it was easy, everybody
would be doing it.

dit dit
Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Dec 29 06:47:27 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412291057.AA14305@Cybernetics.NET>
Subject: Latest CribSheet 12-29-94
Date: Thu, 29 Dec 1994 05:57:04 -0500 (EST)

The latest FOX HUNT CribSheet version has been emailed to those
on the cribsheet. If you want on, let me know. If you find an
error in your entry, let me know.

A copy of the cribsheet is at the FTP archives:

ftp.Cybernetics.NET
/pub/users/ab4el/cribsheet.fox

SunSITE.unc.edu
/pub/academic/agriculture/agronomy/ham/QRP/cribsheet.fox

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Thu Dec 29 12:08:08 1994
Date: Thu, 29 Dec 1994 08:16:04 -0800 (PST)
From: "Henry B. Smith" <hbs@crl.com>
Subject: Re: Latest CribSheet 12-29-94
Message-Id: <Pine.SUN.3.91.941229081203.5296C-100000@crl4.crl.com>

On Thu, 29 Dec 1994, Stephen Modena wrote:

> The latest FOX HUNT CribSheet version has been emailed to those
> on the cribsheet. If you want on, let me know. If you find an

Steve,

Please put me on the cribsheet:

NA5K, TX, hbs@crl.com, <Henry B. Smith>, "Smitty"

BTW, thanks for all of the time/work that you have spent on the qrp-l mail list.

Smitty, NA5K

From owner-qrp-l@netcom.com Thu Dec 29 11:23:25 1994
From: PeterWK8S@aol.com
Date: Thu, 29 Dec 1994 09:43:46 -0500
Message-Id: <941229094345_1498490@aol.com>
Subject: long distance QRPpp???

Some how I missed the details here the other day about the fantastic two way QRP contact at the microwatt level. Could someone please repost it or send it to me. I would like to share it with my club next week when I do my QRP presentation at the monthly meeting.

Can anyone help?

PeterWK8S@aol.com

From owner-qrp-l@netcom.com Thu Dec 29 20:03:21 1994
From: gulliver@tecnet1.jcte.jcs.mil
Message-Id: <199412292335.PAA17627@netcom9.netcom.com>
Date: Thu, 29 Dec 94 18:15:55 EDT
Subject: N0EKU

Hello QRP'rs;

I am searching for an old friend and QRP nut Ray Tougas N0EKU formerly KA6EHD. If anyone knows if he is on the i-net please let me know directly.

TNX, Rick N6JRH nee K6AUA <gulliver@tecnet1.jcte.jcs.mil>

From owner-qrp-l@netcom.com Thu Dec 29 03:27:03 1994
Date: Wed, 28 Dec 94 22:31:55 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9412290631.AA24446@deneb.csustan.edu>
Subject: NorCal40A Kits

The NorCal QRP Club is offering the NorCal 40 again as a complete kit, but this is an improved version with several upgrades. It is called the NorCal 40A. We ordered 200 of the kits, and 121 have been sold as of today, Dec. 28, 1994. If you would like to order one, do the following:

If you are a California Resident, send \$99 includes shipping and Ca. State tax.

If you are a U.S. resident outside of California, send \$94.

If you are a DX resident, send \$99 (US FUNDS ONLY!!!!!!)

Make all checks and money orders out to Jim Cates and NOT to NorCal QRP Club.

The NorCal 40A is a 40M CW transceiver that puts out about 2 watts. The kit is complete, with all parts, case, knobs, wire, etc. It has a unique custom case with no wires for controls. All controls and jacks are board mounted. We have sold over 300 of these, and they are a very popular rig. It can be put on any 40 KHz segment of the 40 Meter band, and there are mods to make it cover 150 KHz. It uses a varactor tuned VFO and is extremely stable.

If you have questions, you may email the designer, Wayne Burdick, N6KR at his email address: burdick@interval.com

72, Doug, KI6DS

Oooops, almost forgot the important part. Send orders to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821
USA

From owner-qrp-l@netcom.com Thu Dec 29 02:45:06 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412290607.AA02384@Cybernetics.NET>
Subject: Notified another 400+ people
Date: Thu, 29 Dec 1994 01:07:04 -0500 (EST)

Well, now I am starting to see what it'd be like to administer an ever changing address list.

I received a listing of QRP-L subscribers not a month old...weeded out those I've already sent 'resubscribe' notices to...and then emailed to 400+ addresses. And the amount of bounced stuff is amazing! :^)

Obligatory QRP content:

I will work on the next version of the CribSheet....and will try to contact those who volunteered to be SSB FOXes.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Thu Dec 29 18:56:42 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412292224.AA21738@Cybernetics.NET>
Subject: QRP Cribsheet style
Date: Thu, 29 Dec 1994 17:24:21 -0500 (EST)

> Steve,
> Please add me to the QRP CW Cribsheet.
> I am the newbie that 'Doc' W5TB mentioned with the HW-7/HW-8.
> I am building an OHR Explorer tho'.
>
> Thanks,
> 73,
> KC5KAG, TX, jspencer@metronet.com, <Joseph Spencer>, "Joe"

I received a couple of requests today...and they used the "style" of my latest version of the CribSheet. It is much appreciated!

CALLSIGN, two-letter QTH abbrev, email address, <full name>, "handle"

It will save me time. :^) Thank you, Joe and others.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Thu Dec 29 20:26:26 1994
Message-Id: <9412292330.AA13160@ig1.att.att.com>
From: mvjfm@mvubr.att.com (James M Fitton +1 508 960 2577)
Date: 29 Dec 94 23:30:00 GMT
Subject: QRP New Year !

A new years toast:

May all your troubles last as long as your New Year Resolutions !

Happy New Year, and QRP DX to all.

Jim W1FMR

From owner-qrp-1@netcom.com Thu Dec 29 22:15:33 1994
From: K7YHA@aol.com
Date: Thu, 29 Dec 1994 20:01:44 -0500
Message-Id: <941229200142_1916748@aol.com>
Subject: Re: QRP New Year !

Dittos dudes

72 rich

From owner-qrp-1@netcom.com Fri Dec 30 01:27:46 1994
From: Byron8LCZ@aol.com
Date: Thu, 29 Dec 1994 23:57:10 -0500
Message-Id: <941229235709_2106209@aol.com>
Subject: QRP PLUS SSB MIC

What brand of microphone does Bruce supply, what did it cost, what is your power output on voice with the new mic, and how many SSB QSO's have you had so far.

Sometimes with QRP , its hard to tell if you're getting out and no ones around, or you're just not getting out.

Since I'm not a phone person, how would you tell what 10w pep looks like on a meter. Would you whistle and adjust for a continuous 5w output or try for a 10 w peak on voice ? Or would a meter be sensitive enough to see a voice peak ?

72, Byron Byron8LCZ@aol.com

From owner-qrp-1@netcom.com Thu Dec 29 11:25:01 1994
From: JDuffy@aol.com
Date: Thu, 29 Dec 1994 09:50:02 -0500
Message-Id: <941229095001_1501611@aol.com>
Subject: QRP+ on SSB

I know there has been a lot of questions in the past about using the QRP+ on SSB. I have had fair results in the past using a dynamic microphone.

Nothing great, but O.K. A little frustrated, I called Bruce at Index and ordered one of the microphones he selected for sale with the rig. After a few weeks, the microphone arrived.

First, it was not wired for the QRP+. It still had the dual pin plug for use on an HT. The 1/8" stereo mic plug would not work standalone. I used some alligator clips to temporarily hook the mic to the rig.

I can't begin to tell you what an improvement a electret mic makes on this rig. I had to back down the audio to keep from distorting.

The first contact was St. Pete, Florida (I'm in Cincinnati) with a report of 57. When I told him I was only running about 5 watts he could not believe it. Same thing with the next contact which was in Northeast Michigan. Both said it sounded like a 100 watt rig. The list goes on. Frankly, I can't believe it myself. By the way, the antenna is only a ground mounted Butternut vertical.

This rig has definitely proven itself on both CW and SSB.

Regards,

Duffy - WB8NUT

From owner-qrp-1@netcom.com Thu Dec 29 15:48:22 1994
From: Byron8LCZ@aol.com
Date: Thu, 29 Dec 1994 14:38:25 -0500
Message-Id: <941229143734_1683227@aol.com>
Subject: Re: QRP+ on SSB

I too have tried both a Dynamic mic with a 10 uf electrolytic cap in series and an Electrek mic sold by MFJ. the results were less than spectacular. with a whistle i could get 2w out, with voice, only 1 watt. The QRP Plus does not have a speech processor and is only rated at 5w pep not the usual 10w pep. I was unable to contact anyone in my first attempt. I should buy the mic sold by Bruce.

By the way, my results are typical of many who had tried SSB on the Plus. There seems to be a big difference in microphone sensitivity. And the Plus needs all it can get. Tnx for info JDuffy.

Keep us posted as to your QRP SSB QSO's with the Plus.

72, Byron Byron8LCZ@aol.com

From owner-qrp-l@netcom.com Thu Dec 29 13:33:26 1994
Message-Id: <9412291620.AA04313@esds01.es.dupont.com>
Date: Thu, 29 Dec 94 11:20:47 EST
From: "Stephen M. Shearer, 302 695-7719" <shearer@eplram.dnet.dupont.com>
Subject: qrp-l dead?

Wondering if my account got "killed" over the holiday or if everyone is on vacation, as the last qrp-l mail was the 22nd. So, this is a test and comment to the net.

My birthday/aniversary/christmas (over a few days - it's easy to remember an aniversary if it's on your birthday) was great, as i got a pack of books. QRPp 1993 & 1994 (great reading - havn't finished) and 1995 Handbook. (also go some metalworking books) I am also on the list for NorCal 40a #75 (as of the first of Dec).

Hope everyone a safe New Year!

72, Steve WB3LGC

From owner-qrp-l@netcom.com Thu Dec 29 15:51:37 1994
From: Byron8LCZ@aol.com
Date: Thu, 29 Dec 1994 14:41:17 -0500
Message-Id: <941229144116_1683153@aol.com>
Subject: QRPp standard frequencys

QRPP FREQ ON EACH BAND AWAY FROM QRP AND QRO FREQS:

1. IN GEN/ADV/EXT PORTION OF CW BAND,
2. NOT NORMALLY USED,
3. SUGGESTED: 1.890 3.740 7.052 10.130 14.140 18.105 21.105 24.920 28.070

From owner-qrp-l@netcom.com Thu Dec 29 03:25:50 1994
Date: Wed, 28 Dec 94 22:29:01 PST
From: dh@deneb.csustan.edu (Doug Hendricks)
Message-Id: <9412290629.AA24440@deneb.csustan.edu>
Subject: QRPp Subscriptions due

Here is the list current as of today, Dec. 28, 1994 of NorCal QRP Club members whose subscription to QRPp has expired as of the Dec. 94 issue. If you wish to continue receiving QRPp, you need to send in your \$5.00 renewal to:

Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821

If your name is on the list and you have mailed in your renewal, please

email me.

Adams	Mark	W6DVO
Ames	Alan	N2ALE
Austin	Tim	K4KVK
Bailey	Lynn	K5AVJ
Barbe	Doug	KA6WQE
Barham	James	KC5DSP
Berlyn	Robert	N1PWU
Bible	Steve	N7HPR
Bishop	Bruce	K6OY
Blakely	Dan	KB6MHN
Bosslet	Ronald	N1IUD
Braun	James	KB2GWF
Broadwell	Chuck	W5UXH
Broderson	Dwayne	AA7QH
Bulger	Joe	AA6WG
Bunavage	Ed	KA3YAA
Burniston	Dave	VE3LFO
Christian	Paul	KN6OJ
Clayton	Dan	K6DFF
Colaguori	Tony	W2GUM
Colgrove	Scott	KD6VEE
Comas	Andrew	KF2JH
Cook	Tim	NZ8J
Cooper	John	KJ5CR
Crocevera	Frank	KD6HXU
Crutcher	Ken	
Curran	Tom	W7UAB
Czuhajewski	Mike	WA8MCQ
Dickerson	Lewis	K6BPB
Diehlman	Fred	AE6G
Domenici	Eugene	AC4ZY
Dorner	George	W9ZSJ
Drake	David	K8BRX
Duckett	N.E.	W6LYG
Ea	Dara	N6YJS
Eaton	Peter	WB9FLW
Eddy	Mark	KN6PW
Ehrlich	Murray	K7AU
Elrod	Jim	WB6WLU
Erickson	Ronald	AK0N
Ermisch	Paul	No Call
Evans	Gary	AA6R
Feick	Lawrence	NF0Z
Ferguson	John	N1IPT
Ferme	Vincent	

Fisher	Bob	KA3ZSU
Florip	Bruce	AA7AR/6
Flower	Dan	KE6DMS
Franklin	Bruce	KG7CR
Fry	Jery	KD6WSF
Gains	Smokey	KN6AE
Gallagher	Thomas	N6RA
Goodwin	Dan	KA1JML
Grabowski	Eric	WA8HEB
Gray	Rand	W1GXN
Gregson	Roy	W6EMT
Hammond	Frank	KC4GKY
Hammond	Noel	KK6AL
Hardie	Peter	VE5VA
Harton	Paul	W5ILN
Hayward	Wes	W7ZOI
Heacock	Doug	AA0MS
Heath	Gregg	
Heusser	Robert	K6TUY
Hideg	Steve	N8HSC
High	Rich	W0HEP
Holmes	David	K4UMI
Jaminet	John	W3HMS
Johnson, Jr.	Peter	KN6MO
Jones	Chris	N7ZWA
Jones	James	K9PNG
Jumper	Mike	KC4DIZ
Karty	Steven	N4UHO
Kashuba	Mike	KI6OI
Kees	Eric	N7HWW
Knudson	Doug	KB6ZMQ
Kohl	Kerry	KN6NF
Kowalsky	Richard	N7RAY
Koyle	Myron	N8DHT
Laas	Rod	KN6DA
Lang	Gary	WN9U
Lanning	Bob	W6OP0
Lauri	Frank	KD2IX
Le	Thang	AA6SV
Ludwig	Loren	KG0HM
Luscomb	David	AB5JE
Marandos	Dennis	K1LGQ
Marlan	Bob	KA6NOC
Marsh	Harry	W6TFQ
Maxwell	Jim	W6CF
McLeman	Jeff	KD1IT
Melton	Ronald	N7NIQ
Mensing	David	N2PSH

Meyer	Frank	KE70F
Miller	Bob	WA6KTK
Miller	Alan	N6VYI
Miller	John	WD5HZE
Milne	Bruce	WB2QAP
Milos	Frank	N01E
Miner	Bill	WG6H
Mitchell	Brad	WB8YGG
Mizrahi Shalom	Ori	AC6AN
Moore	Jim	KD6TAX
Moore	Larry	KM6IU
Moore	John	AB6DL
Morrisroe	Jack	KA6GZA
Mount	Robert	KB6MHS
O'Donald	Gary	WB7TXN
Olson	Brian	N0XFE
Ozment	Bill	W6SLW
Paine	Bob	W7RX
Palings	Walter	ON4PX
Parmley	William	KR8L
Pascoe	Dick	G0BPS
Paul	Bil	KD6JUI
Peavey	Howard	K9PV
Rand	Randy	AA2U
Ray	Martin	NN9H
Rea	Al	W8LRM
Read	John	KK6OQ
Reid	James	KD3S
Reynolds	Robert	K5VOL
Rosen	Marvin	N3BQA
Rossi	Robert	W2HG
Rutledges	Craig	KB6XV
Schlottman	Al	KL7CVP
Seaman	Robert	KC6HPH
Selman	Larry	AA6MU
Shalita	David	W6MIK
Sherman	Richard	WZ2T
Silverwood	Tom	W6DJ
Sliger	Ed	AB6NA
Smith	Wayne	KN6EY
Smith	J.C.	KC6EIJ
Smoler	David	KE6AJL
Sparlin	Douglas	N6PYW
Stanley	William	KD6GMF
Stelwagon	Frank	KD6TNF
Stuehler	Rick	N6ZFT
Supplee, Jr.	Dan	N7NBW
Swartz	Eric	WA6HHQ

Taylor	Greg	KD4HZ
Taylor	Leland	KD6U0Q
Thompson	J.B.	AA6IH
Treaton	Bernard	KM6TY
Troster	John	W6ISQ
Utley	Dennis	K7JLF
Utley	Jon	KG7TE
Walker	Leo	AD50F
Wallack	John	W6TLK
Weller	Jeff	N2SZE
West	Doug	KB5SZZ
Wheable	Michael	KC6GPY
Wheatcraft	Bill	N0WZE
Williamson	Art	N0TXT
Wilson	Reed	K6JUD
Wilson	Donald	KM6SE
Wingert	Brian	N7RVD
Winn	Don	AF4Z
Wold	Bob	K6ZLY
Woodward	Robert	N6PGQ
Wright	Frank	KD6RAL
Wright	James	WB5THZ
Wyman	Mike	WB1CWD

72, Doug, KI6DS